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Sequence Listing was accepted with existing errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: Tue Jul 24 15:28:12 EDT 2007

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Application No: 10806793 Version No: 2.0

Input Set:

Output Set:

Started: 2007-06-27 14:32:06.113
Finished: 2007-06-27 14:32:09.304
Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 191 ms
Total Warnings: 51
Total Errors: 223
No. of SeqIDs Defined: 76
Actual SeqID Count: 76

Error code	Error Description
E 323	Invalid/missing amino acid numbering in SEQID (1) POS (450)
E 323	Invalid/missing amino acid numbering SEQID (2) POS (1)
E 323	Invalid/missing amino acid numbering SEQID (2)at Protein (5)
E 323	Invalid/missing amino acid numbering SEQID (2) POS (6)
E 323	Invalid/missing amino acid numbering SEQID (2)at Protein (10)
E 323	Invalid/missing amino acid numbering SEQID (2) POS (11)
E 323	Invalid/missing amino acid numbering SEQID (2)at Protein (15)
E 323	Invalid/missing amino acid numbering SEQID (2) POS (16)
E 323	Invalid/missing amino acid numbering SEQID (2)at Protein (20)
E 323	Invalid/missing amino acid numbering SEQID (2) POS (21)
E 323	Invalid/missing amino acid numbering SEQID (2)at Protein (25)
E 323	Invalid/missing amino acid numbering SEQID (2) POS (26)
E 323	Invalid/missing amino acid numbering SEQID (2)at Protein (30)
E 323	Invalid/missing amino acid numbering SEQID (2) POS (31)
E 323	Invalid/missing amino acid numbering SEQID (2)at Protein (35)
E 323	Invalid/missing amino acid numbering SEQID (2) POS (36)
E 323	Invalid/missing amino acid numbering SEQID (2)at Protein (40)
E 323	Invalid/missing amino acid numbering SEQID (2) POS (41)
E 323	Invalid/missing amino acid numbering SEQID (2)at Protein (45)
E 323	Invalid/missing amino acid numbering SEQID (2) POS (46)

Input Set:

Output Set:

Started: 2007-06-27 14:32:06.113
Finished: 2007-06-27 14:32:09.304
Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 191 ms
Total Warnings: 51
Total Errors: 223
No. of SeqIDs Defined: 76
Actual SeqID Count: 76

Error code	Error Description
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W 213	Artificial or Unknown found in <213> in SEQ ID (17)
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	This error has occurred more than 20 times, will not be displayed

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Blom, Nikolaj
Hansen, Claus

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-95 -90 -85 -80

gtc gca gag gcc tcc ctg ggc tcc gcg ccc cgc agc cct gcc ccc cgc 215
Val Ala Glu Ala Ser Leu Gly Ser Ala Pro Arg Ser Pro Ala Pro Arg
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gaa ggc ccc ccg cct gtc ctg gcg tcc ccc gcc ggc cac ctg ccg ggg 263
Glu Gly Pro Pro Pro Val Leu Ala Ser Pro Ala Gly His Leu Pro Gly
-60 -55 -50

gga cgc acg gcc cgc tgg tgc agt gga aga gcc cgg cgg ccg cgc cgc 311
Gly Arg Thr Ala Arg Trp Cys Ser Gly Arg Ala Arg Arg Pro Arg Arg
-45 -40 -35

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aga cac ttc tcg gcc cgc gcc ccc gcc gcc tgc acc ccc atc tgc tct 359
 Arg His Phe Ser Ala Arg Ala Pro Ala Ala Cys Thr Pro Ile Cys Ser
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 Ser Pro Arg Val Arg Ala Ala Arg Leu Gly Gly Arg Ala Ala Arg Ser
 -15 -10 -5 -1 1

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 Gly Ser Gly Gly Ala Gly Cys Arg Leu Arg Ser Gln Leu Val Pro Val
 5 10 15

cgc gcg ctc ggc ctg ggc cac cgc tcc gac gag ctg gtg cgt ttc cgc 503
 Arg Ala Leu Gly Leu Gly His Arg Ser Asp Glu Leu Val Arg Phe Arg
 20 25 30

ttc tgc acc ggc tcc tgc ccg cgc gcg cgc tct cca cac gac ctc agc 551
 Phe Cys Thr Gly Ser Cys Pro Arg Ala Arg Ser Pro His Asp Leu Ser
 35 40 45

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 Leu Ala Ser Leu Leu Gly Ala Gly Ala Leu Arg Pro Pro Pro Gly Ser
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 Ala Thr Ala Cys Gly Cys Leu Gly
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 Arg His Phe Ser Ala Arg Ala Pro Ala Ala Cys Thr Pro Ile Cys Ser
 -30 -25 -20
 Ser Pro Arg Val Arg Ala Ala Arg Leu Gly Gly Arg Ala Ala Arg Ser
 -15 -10 -5 -1 1
 Gly Ser Gly Gly Ala Gly Cys Arg Leu Arg Ser Gln Leu Val Pro Val
 5 10 15
 Arg Ala Leu Gly Leu Gly His Arg Ser Asp Glu Leu Val Arg Phe Arg
 20 25 30
 Phe Cys Thr Gly Ser Cys Pro Arg Ala Arg Ser Pro His Asp Leu Ser
 35 40 45
 Leu Ala Ser Leu Leu Gly Ala Gly Ala Leu Arg Pro Pro Pro Gly Ser
 50 55 60 65
 Arg Pro Val Ser Gln Pro Cys Cys Arg Pro Thr Arg Tyr Glu Ala Val
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gtc ctt cct ccc caa gcc cac ctg ggt gcc ctc ttt ctc cct gag gct      96
Val Leu Pro Pro Gln Ala His Leu Gly Ala Leu Phe Leu Pro Glu Ala
            -80                -75                -70

cca ctt ggt ctc tcc gcg cag cct gcc ctg tgg ccc acc ctg gcc gct      144
Pro Leu Gly Leu Ser Ala Gln Pro Ala Leu Trp Pro Thr Leu Ala Ala
            -65                -60                -55

ctg gct ctg ctg agc agc gtc gca gag gcc tcc ctg ggc tcc gcg ccc      192
Leu Ala Leu Leu Ser Ser Val Ala Glu Ala Ser Leu Gly Ser Ala Pro
            -50                -45                -40

cgc agc cct gcc ccc cgc gaa ggc ccc ccg cct gtc ctg gcg tcc ccc      240
Arg Ser Pro Ala Pro Arg Glu Gly Pro Pro Pro Val Leu Ala Ser Pro
-35                -30                -25                -20

gcc ggc cac ctg ccg ggg gga cgc acg gcc cgc tgg tgc agt gga aga      288
Ala Gly His Leu Pro Gly Gly Arg Thr Ala Arg Trp Cys Ser Gly Arg

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gcc	cg	cg	cg	cg	cg	cag	cct	tct	cg	cc	gc	cc	cg	cg	cct	336
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	-1	1					5					10				
gca	ccc	cca	tct	gct	ctt	ccc	cgc	ggg	ggc	cgc	gc	gc	cg	gct	ggg	384
Ala	Pro	Pro	Ser	Ala	Leu	Pro	Arg	Gly	Gly	Arg	Ala	Ala	Arg	Ala	Gly	
	15					20				25						
ggc	cg	gg	aac	cgc	gct	cgg	gca	gc	ggg	gc	cg	gg	tgc	cgc	ctg	432
Gly	Pro	Gly	Asn	Arg	Ala	Arg	Ala	Ala	Gly	Ala	Arg	Gly	Cys	Arg	Leu	
	30				35			40						45		
cgc	tgc	cag	ctg	gtg	ccg	gtg	cgc	gc	ctc	ggc	ctg	ggc	cac	cgc	tcc	480
Arg	Ser	Gln	Leu	Val	Pro	Val	Arg	Ala	Leu	Gly	Leu	Gly	His	Arg	Ser	
			50					55					60			
gac	gag	ctg	gtg	cgt	ttc	cgc	ttc	tgc	agc	ggc	tcc	tgc	cgc	cgc	gc	528
Asp	Glu	Leu	Val	Arg	Phe	Arg	Phe	Cys	Ser	Gly	Ser	Cys	Arg	Arg	Ala	
		65					70					75				
cgc	tct	cca	cac	gac	ctc	agc	ctg	gcc	agc	cta	ctg	ggc	gcc	ggg	gcc	576
Arg	Ser	Pro	His	Asp	Leu	Ser	Leu	Ala	Ser	Leu	Leu	Gly	Ala	Gly	Ala	
	80					85					90					
ctg	cga	ccg	ccc	ccg	ggc	tcc	cgg	ccc	gtc	agc	cag	ccc	tgc	tgc	cga	624
Leu	Arg	Pro	Pro	Pro	Gly	Ser	Arg	Pro	Val	Ser	Gln	Pro	Cys	Cys	Arg	
	95					100					105					
ccc	acg	cgc	tac	gaa	gc	gtc	tcc	ttc	atg	gac	gtc	aac	agc	acc	tgg	672
Pro	Thr	Arg	Tyr	Glu	Ala	Val	Ser	Phe	Met	Asp	Val	Asn	Ser	Thr	Trp	
	110				115				120					125		
aga	acc	gtg	gac	cgc	ctc	tcc	gcc	aac	ccc	tgc	ggc	tgc	ctg	ggc		717
Arg	Thr	Val	Asp	Arg	Leu	Ser	Ala	Asn	Pro	Cys	Gly	Cys	Leu	Gly		
			130					135				140				
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acctccc	gc	agagtccc	ac	tagccag	cgg	cctcag	ccag	ggacga	aggc	ctcaa	agctg					837
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His	Leu
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Gly Leu Ser Ala Gln Pro Ala Leu Trp Pro Thr Leu Ala Ala Leu Ala
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-45 -40 -35

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His Leu Pro Gly Gly Arg Thr Ala Arg Trp Cys Ser Gly Arg Ala Arg
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Pro Ser Ala Leu Pro Arg Gly Gly Arg Ala Ala Arg Ala Gly Gly Pro
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 Asn Arg Ala Arg Ala Ala Gly Ala Arg Gly Cys Arg Leu Arg Ser Gln
 35 40 45
 Leu Val Pro Val Arg Ala Leu Gly Leu Gly His Arg Ser Asp Glu Leu
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 His Asp Leu Ser Leu Ala Ser Leu Leu Gly Ala Gly Ala Leu Arg Pro
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 Pro Pro Gly Ser Arg Pro Val Ser Gln Pro Cys Cys Arg Pro Thr Arg
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Val	Asn	Ser	Thr	Trp	Arg	Thr	Val	Asp	Arg	Leu	Ser	Ala	Xaa	Xaa	Cys
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			115												

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35 40 45

Arg Ala Arg Ser Pro His Asp Leu Ser Leu Ala Ser Leu Leu Gly Ala
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Gly Ala Leu Arg Pro Pro Pro Gly Ser Arg Pro Val Ser Gln Pro Cys
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Pro	Arg	Arg	Gln	Pro	Ala	Leu	Trp	Pro	Thr	Leu	Ala	Ala	Leu	Ala	Leu	
			-60						-55					-50		
ctg	agc	agc	gtc	gca	gag	gcc	tcc	ctg	ggc	tcc	gcg	ccc	cgc	agc	cct	201
Leu	Ser	Ser	Val	Ala	Glu	Ala	Ser	Leu	G							